AMRITA VIDYALAYAM

ANNUAL EXAMINATION 2019 - 20

Class : IV   Marks : 50

                                                  Time   : 2 hrs

MATHEMATICS

KNOWLEDGE

I. Fill in the blanks.   **5**

1. Like fractions are fractions which have the same _____.
2. Place value of 2 in 7.624 is _____.
3. The standard unit of capacity is _____.
4. A _____ is a simple closed shape made of line segments.
5. 16:45 hours in 12 hour clock = _____.

II. Choose the correct answer from the brackets.   **5**

1. 57 rupees 32 paise = _____. (₹ 57.032, ₹ 57.32, ₹ 5.732)
2. The fractions $\frac{8}{8}$, $\frac{6}{8}$, $\frac{4}{8}$, $\frac{3}{8}$ are in _____ order.

    (descending, ascending, none of these)
3. $800 + 6 + \frac{3}{10} + \frac{4}{100} + \frac{9}{1000}$ in decimal form is _____.

    (86.349, 800.349, 806.349)
4. 18 KL 14 L = _____ L. (1814 L, 18014 L, 180014 L)
5. Area of a square of side 8 m is _____.

    (32 sq m, 64 sq m, 16 sq m)

UNDERSTANDING

III. Match the following.   **4**

1. 3 minutes   7.05
2. 3 $\frac{4}{5}$ ₹ 6.05

3. 6 rupees 5 paisa $\frac{19}{5}$

4. 7 $\frac{5}{100}$ 180 sec

IV. State or false.

IV. State true or false.   **4**

1. $15.100 = 15.1$
2. Perimeter of square $= 4a$
3. 4 years $= 42$ months
4. ₹ 500 - ₹ 355.55 = ₹ 144.45

V. Compare using <, >, = symbols.   **3**

1. $4\dfrac{2}{9}$ _____ $\dfrac{23}{9}$
2. 0.7 _____ 0.70
3. 62.008 _____ 62.08

VI. Convert the following.   **4**

1. 9 km 110 m into metres.
2. 3360 minutes into hours.
3. 55 rupees 42 paise into paise.
4. $\dfrac{13}{7}$ into mixed fraction.

APPLICATION

VII.1. Mohit along with his friends cleaned the classroom before leaving for home. The length and breadth of the classroom are 20 m and 15 m respectively. Find the area of the classroom.   **2**

2. Rahul's salary is ₹ 50,000 per month. He pays ₹ 13,500 towards house rent and ₹ 5,450 on grocery and personal expenditure. How much money is left for him to save?   **3**

SKILL

VIII. Add the following.   **6**

1. 8 hours 47 minutes 55 seconds and 5 hours 35 minutes 40 seconds.
2. $12.80 + 9.6 + 123.089$.
3. 315 km 48 m + 253 km 135 m + 33 km 208 m.

IX. Subtract the following.   **4**

1. 19 hours 35 minutes - 4 hours 48 minutes.
2. ₹ 980.75 - ₹ 626.20

X. Build the decimals.   **2**

1. 7 in the tenths place, 5 in the thousandths place, 8 in the tens place, 4 in the ones place.
2. 5 in ones place, 6 in hundreds place, 7 in the tenths place, 3 in the thousandths place.

XI. Change $\underline{3}$ and $\underline{5}$ into like fractions.   **2**
       4   6

XII. Change 12 hour clock time to 24 hour clock.   **2**

    Time : 10 : 45 p.m

XIII. Find the perimeter of the following shapes.   **4**

8 cm

6 cm   6 cm

8 cm

9 m

6 m   15 m

20 m